

# BLIP Operations May 13-19, 2013

- Routine production of Sr-82 & Ge-68 continued at 117 MeV.
  - Intensity was good from Monday-Friday at  $\sim 101\mu\text{A}$  and then reduced to  $74\mu\text{A}$  over the weekend with Ga target in place. Overall average was  $90.4\mu\text{A}$  for 163.3 hours on target.
  - On May 20 morning we stopped operation in order to perform video inspection of sand shielding. No changes noted.
  - On May 20 afternoon we ran a 20 minute test at 66 MeV on metal foil targets, which was stopped after 15 minutes due to failure of tank 1 quad magnet. Accumulated beam was adequate. Routine operation at 117 MeV then resumed.
  - On May 22 a Linac test of 200 MeV beam will be tried for  $\sim 5$  hours.
  - Following this test a Th target will be loaded into the target array and operations at 140 MeV will commence.
  - This may be the first time we are trying to run at 4 different energies in one week. Linac needs to be nimble this week.
- Operations at the Target Processing Lab (TPL)
  - Chemical separation of Sr-82 batch finished. Very high yield and radiopurity achieved – one of our best runs.
  - Chemical separation of Ge-68 batch ran into difficulty and is ongoing.

### To Date Accum. uA-hrs

